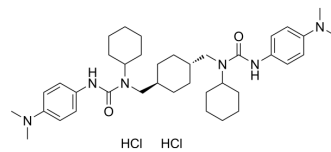


NTE-122 dihydrochloride

| | |
|--------------------|---|
| Cat. No.: | HY-121762 |
| CAS No.: | 166967-84-6 |
| Molecular Formula: | C ₃₈ H ₆₀ Cl ₂ N ₆ O ₂ |
| Molecular Weight: | 703.83 |
| Target: | Acyltransferase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

NTE-122 (dihydrochloride) is an inhibitor of acyl-CoA:cholesterol acyltransferase (ACAT), with the IC₅₀ in liver and aorta of cholesterol-fed rabbits of 7.6nM, 4.4nM and 9.6 nM, respectively, that plays an important role in atherosclerosis^[1].

REFERENCES

[1]. Y Azuma, et al. NTE-122, an Acyl-CoA:Cholesterol Acyltransferase Inhibitor, Prevents the Progression of Atherogenesis in Cholesterol-Fed Rabbits. *Jpn J Pharmacol.* 2001 May;86(1):120-3.

Caution: Product has not been fully validated for medical applications. For research use only.

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